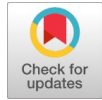# Student Portfolio Designing using Nextjs

M. Saraswathi, Devulapalli Satya, T. Naga Sai Sowmya

Abstract: Firstly, Portfolio is an important tool that addresses a person's skill sets, qualifications, timelines, projects, and experiences the students have. Many organizations and companies are hiring candidates through resumes and CVs. In the current situation, organizations encourage Portfolios as they are easy to understand and highlight the student's qualifications and experiences. The portfolio is a website-based application so it needs only a link to access. Resumes and CVs are in a form of Pdfs and Docs and take up a lot of memory space in the organization's database. This old traditional way was breakout by the portfolio as it doesn't require much space and is easy to access anywhere. A portfolio attains separate attention for the hiring process as recruiters need the information to be short and understandable. A portfolio can be customizable and contain different variety of styles to represent a person's qualifications and experiences. Nowadays resume builder websites are also built with basic templates. We thought that we can also have this tradition in the portfolio. From this thought, we realized that this website helps the developers with the coding and has a well-professionalized interface and results, but to edit these portfolios according to their perspective, basic coding knowledge is required. This helps users can prepare their portfolios. A portfolio can be used in any technical field for interviews.

Keywords: Web Development, Web Designing, Portfolio, Portfolio layout, Interface designing.

I. INTRODUCTION

The portfolio is the most efficient web application used in every sector like social media and the pharmaceutical industry. Currently, in the hiring process, an organization will receive plenty of resumes where it is in the form of Pdfs and document files. Coming to the new trend, a portfolio web application will attract any interviewer or recruiter from plenty of applications that organizations receive. The Portfolio web application is introduced in the current trend in different domains such as digital marketing, Business Management, and IT services.

A Portfolio indicates a person's and an organization's value in a particular society or system. The complete growth of a company from starts up to competitive MNCs can be described by portfolio in various forms like social media, Advertisements. The main objective of this system is to create a flexible and easily accessible web application to indicate a profile's qualifications, experience, and skill set. Currently, in the hiring process, an organization will receive plenty of resumes where it is in the form of Pdfs and document files. Coming to the new trend, a portfolio web application will attract any interviewer or recruiter from plenty of applications that organizations receive. The Portfolio web application is introduced to the current trend in different domains such as digital marketing, Business Management, and IT services. A Portfolio indicates a person's and an organization's value in a particular society or system. The complete growth of a company from starts up to competitive MNCs can be described by portfolio in various forms like social media, Advertisements. This complete process will indicate a company's turnover estimation. A portfolio is not only for individual purposes but also for an organization's company. Another main objective of this project is to reduce the space in memory as it takes some bits to store a website link. This portfolio can be accessed anywhere by clicking on the link. A portfolio is not get adopted by the IT sector, but still, it has its importance in the It sector and has future scope for implementation. Therefore, the Portfolio web application will create a clear complete clear impression of any individual organization's work.

II. LITERATURE SURVEY

'Portfolio Construction' was published in Research Gate (2022). This paper provides an overview of types of security investors may use to gain exposure to underpinning businesses. It is a business security investors portfolio that describes various types of security investors included in the business. [1]

'Inflation and Portfolio Selection' was published in Research Gate (2022). This paper proposes and tests a portfolio selection model with inflation allocation lines (IAL) for corresponding capital allocation inline (CAL) and utilities in several scenarios of crisis.[2]

'Portfolio theory' was published in Research Gate (2022). This paper explains the method for portfolio management to improve risk management techniques, which is an extension of the paper published in 1952 by 'Nobel Prize winner Harry Markowitz'. The above paper states that, in a given desired level of risk, an investor can optimize the expected returns of a portfolio through diversification. [3]

'Sustainability risk and portfolio management—A strategic scenario method for sustainable product development' was published in Wiley Online Library (2022). This paper states a strategic perspective based on the back-cast back-casting arching socio-ecological sustainability principles. These principles were used to understand how companies might adapt their product portfolios to avoid threats and make use of opportunities in increasingly sustainability-driven markets.[4]

'The portfolio planning, implementing, and governing process: An inductive approach' was public science Direct (2022). This paper was inscribed on the topic of Portfolio management which most companies have used for a long time to get success in their businesses. But till now, the total theory of portfolio management has never been disclosed by anyone. And also, this paper believes that drawing on an inductive, qualitative study of nine cases in the electrical machinery, medical device, and pharmaceutical sectors, our work opens the black box of portfolio planning, implementing, and controlling processes in practice.[5]

III. PROBLEM STATEMENT

The proper design has become a critical element needed to engage website and mobile application users. The lack of proper design may impact the job application also. The design of the portfolio also reflects the coding skills we have. And also, the portfolio is used as our face to select placements of jobs. If we failed to do that, it may raise doubts in the interviewer's mind. Many organizations and companies are hiring candidates through resumes and CVs. As the resumes and CVs are in Pdfs and Documents it contains a lot of paragraphs, the interviewer can miss some important points in the process of checking. There won't be any highlights and it also contains a lot of unwanted text, which can irritate the interviewer while checking. Because interviewers have to check thousands of resumes.

IV. PROPOSED SYSTEM

The proposed system has an attractive interface and there is a chance of changing the theme or interface to the user interest. This proposed system has basic templates which have the basic template of HTML, CSS, and JS. It runs only by the visual studio for the user and also user can't open it in the browser until the user knows how to run the code. It has the access to all the code so that user can change their interface to their respective creative manner. This portfolio job is to mention or highlight the experience, skills, and qualifications of a student, teacher, or any IT-based Job applied person. It highlights the job requirements in the portfolio so the interviewer can understand and hire the person. The portfolio reduces this unwanted text and highlights the important words only. It helps the interviewer in the hiring process and also impresses the interviewer with good interface techniques. Portfolio also helps in reducing the space which is taken by Pdfs and documents. So that the hiring persons do not need to maintain many databases for this process. It's just a weblink where we can access it from anywhere.

Advantages Of the Proposed System:

i. Interviewer can easily understand the skills.

ii. The designing of a portfolio can increase styling skills.

iii. Organizations do not need to maintain large databases for applications.

V. SYSTEM ARCHITECTURE

It is represented in the figure below the step-by-step work done by the system in our paper in flow type starting from user to contact details. Here, the complete process is described in an image that every process is inserted from user access to contact details.
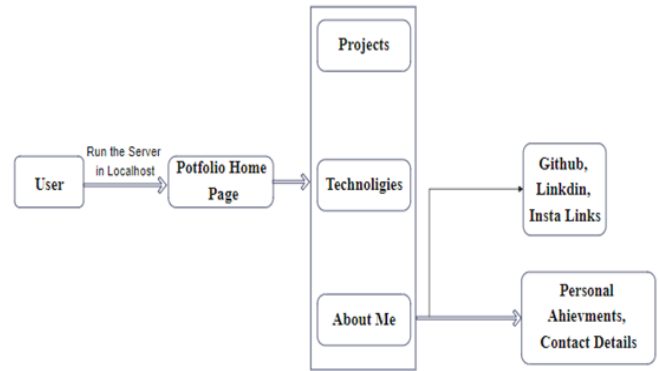

Fig. 1.System Architecture

- **DESCRIPTION**

In the project description, the system working will be described step by step according to the system architecture. The main components or working methodology inscribed in the system are as follows:

A. My projects:

In this module, users can add any number of previous projects which are implemented on their own. Users can add source code so that the viewer can easily verify the project details. This helps the interviewer to notice all the projects carefully so that they can understand the individual skills and qualifications, and experience in their domain easily and perfectly. Sometimes it also helps HR managers hire candidates quickly for urgent requirements. My projects page is introduced which contains source code and folders. Here the total source code is given publicly so that the interviewer can verify and can analyze the person's skills.

B. Programming Skills:

Users can add any number of skills that they either used in projects or can work on future upcoming projects. Users can add skills, hobbies, and daily productive things which could impress any interviewer. Users can feed the Programming skills they have and the level of skillset they have. It also specifies the percentage of the skill like beginner, intermediate, and expert. It helps the organization compare the post's main requirements and helps estimate the perfect candidate for the post easily. It is also beneficial for candidates to get the assignments from the interviewer in the correct domain without any confusion.

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C. About:

In this module, users can add about him or themselves like Mail address, Instagram, Twitter various social media including LinkedIn. Users can also add preferences on their own like the personal number and time strap. As it is a user-friendly easily editable and open-source website. Users can give their user details like Phone number, Email, Instagram account, LinkedIn, and GitHub accounts. It helps the HR manager to mail the candidates immediately if they want to hire or to pass on any information. It also shows the candidate's interest in social media like Instagram and his marketing skills through the provided Instagram account. It also displays the candidate's LinkedIn id so that the manager can learn about the Participation and interaction skills of a candidate if it is required for the post. It also helps HR managers verify whether the skills given in the portfolio are correct or wrong through GitHub because it contains most of the projects, qualifications, and skills that the candidate has done either in practice or for an organization. The Phone number helps HR Manager to contact the candidate for further processing of the application and also to send information about an application like whether is qualified or disqualified.

VI. RESULT AND DISCUSSION

The results for my student portfolio web application using next JS are as follows:
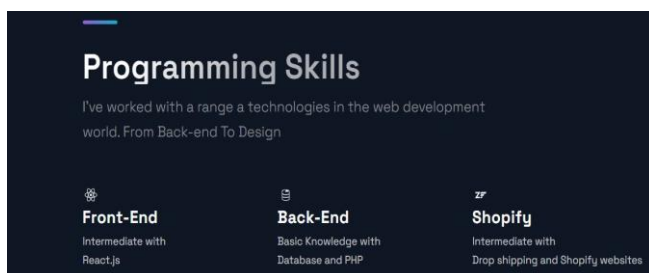

Fig. 2. Home Page of the system

Fig. 3. Programming Skills Description page

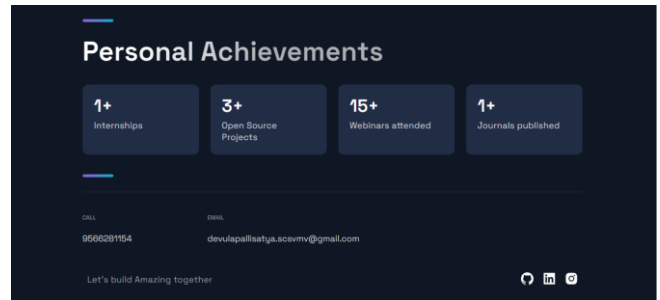**Fig. 4.About Me (Contact details)**

Fig. 5. Personal Achievements (Certificates, Webinars attended etc.,)

VII. CONCLUSION

Hence, we have succeeded in preparing a user-friendly and UI-based web application. We have shared it in GitHub so that anyone can download and use it. We have made it a public repository in GitHub. Now everything is ready as we thought in the abstract. With this project, we conclude that the Portfolio web application is very essential in various platforms. Portfolio web application in business management will increase the number of reaches in investors and helps in advertising their brand's fame and value. The Employee Portfolio web application will help to highlight employees' skills and work experience. The creative idea on templates and whatnot.

VIII. FUTURE ENHANCEMENT

Further, we are going to implement new features to this existing web application. And also, we will make it possible to improve UI according to the new tools introduced. Further, we want to make it available for more themes like this so that people can download their interested themes. Instead of using GitHub, we will make it available to download those themes in the web application itself.

DECLARATION

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Availability of Data and Material/ Data Access Statement	Not relevant.
Authors Contributions	All authors have individual partnerships in this article. OR All authors have equal participation in this article.

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